

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ROGER L. SCHULTZ

§ Group Art Unit: 3753

Serial No.: 10/808,986

§

Filed: March 25, 2004

§

Examiner: SCHNEIDER, CRAIG M.

Title: "APPARATUS AND METHOD FOR  
CREATING PULSATING FLUID FLOW,  
AND METHOD OF MANUFACTURE FOR  
THE APPARATUS"

§

§

Atty. Docket No.: HES 2003-IP-012204U1

MAIL STOP AMENDMENT  
Honorable Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF FILING ELECTRONICALLY VIA EFS  
MPEP 503

I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:

HONORABLE COMMISSIONER FOR PATENTS  
P.O. Box 1450  
ALEXANDRIA, VA 22313-1450

  
DEBBIE ALLEN

DECEMBER 12, 2007

DATE OF SUBMISSION: 12-12-07  
ELECTRONIC FILING (EFS)

**RESPONSE UNDER 37 C.F.R. § 1.111 TO  
NON-FINAL OFFICE ACTION, MAILED OCTOBER 2, 2007**

Dear Honorable Commissioner:

In response to the Office Action mailed on October 2, 2007 (the "Office Action"),

Applicants submit this Response.

- **Amendments to the Claims** begin on page 3 of this paper; and
- **Remarks / Arguments** begin on page 20 of this paper.